

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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**U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE**

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CROPS

The condition of most crops continued to decline during the week ending July 14 as a result of mostly dry weather. Cool temperatures, however, were welcomed during the latter part of the week. Soil moisture was reported short over nearly three-quarters of the State, with most of the driest areas in the northern half of Illinois. Corn is now in the critical pollinating period and the lack of moisture is causing concern Statewide. Heat stress was reported in corn, soybeans, and livestock. In the warmest parts of the day, corn continues to curl and bean leaves continue to turn over. Wheat harvesting is nearing completion. Scattered showers and cooler temperatures during the end of the week brought relief to many crops. The Northern districts, however, were reporting some of their crops as being in very poor condition. To add to the problems, high winds and hail flattened some oats in the Northeastern District. Last week farmers were finishing the wheat harvest, baling hay, walking beans, repairing machinery, caring for livestock, cultivating soybeans and doing farm chores. Japanese beetles are reported to be eating the tops out of fruit trees in the Eastern District. Cabbage and sweet corn harvest is underway in the Eastern District also. There was an average of six days suitable for fieldwork for the week of July 8-14.

Condition of the **CORN** crop on July 14 was reported as 8% excellent, 45% good, 42% fair and 5% poor. Fifty-five percent of the crop had silked (tasseled) by July 16, compared to 67% last year and the 5-year average (1984-88) of 63%. Three percent was in the dough stage, compared to 2% last year and the average of 6%.

On July 16, 61% of the **SOYBEAN** crop was blooming, compared to 72% last year and the average of 64%. Fourteen percent of the crop was setting pods, compared to 12% last year and the average of 21%. Condition of the crop by July 14 was 3% excellent, 64% good, 32% fair and 1% poor.

By July 16, 97% of the **WINTER WHEAT** acreage had been harvested, compared to 100% last year and the average of 97%.

OAT condition on July 14 was reported as 6% excellent, 68% good, and 26% fair. Ninety-four percent of the crop was turning yellow, compared to 96% last year and the average of 94%. By July 16, 55% of the oat crop was ripe, compared to 77% last year and the average of 71%. Twenty-five percent of the oat crop had been harvested by July 16, compared to 47% last year and the average of 39%.

Condition of **SORGHUM** on July 14 was reported as 11% excellent, 69% good, 19% fair, and 1% poor. By July 16, 5% of the crop was heading, compared to 6% last year.

Cutting of the second crop of **ALFALFA HAY** was 75% complete, compared to 79% last year and the average of 71%. Condition of the crop was reported as 3% excellent, 35% good, 49% fair, 10% poor, and 3% very poor.

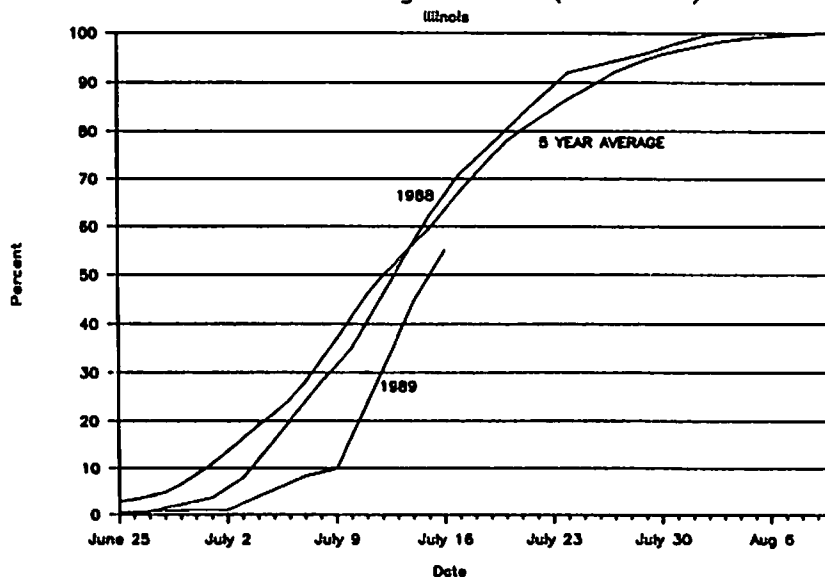
PASTURE condition, as of July 14, was reported as 6% excellent, 26% good, 34% fair, 24% poor and 10% very poor.

SOIL MOISTURE, as of July 14, was reported as 72% short, 23% adequate, and 5% surplus.

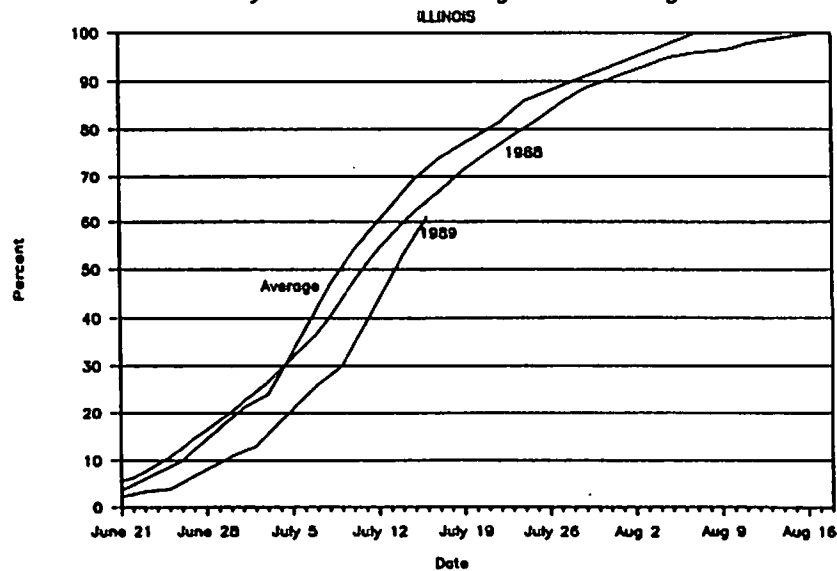
ILLINOIS DISTRICT SUMMARY

District	:	:	:	Days	:	Soil	
	:	Soybeans	:	Corn	:	Moisture Percent	
	:	% Blooming	:	% Silked	:	For	-----
	:	:	:	Fieldwork	:	Short:Adq.:Surplus	
<hr/>							
	:	As of July 16		As of July 14			
Northwest	:	45	:	35	:	6.5	100 0 0
Northeast	:	40	:	25	:	5.5	80 20 0
West	:	55	:	70	:	7.0	100 0 0
Central	:	80	:	80	:	6.5	100 0 0
East	:	70	:	50	:	5.5	65 35 0
W Southwest	:	65	:	70	:	7.0	100 0 0
E Southeast	:	50	:	45	:	5.5	45 50 5
Southwest	:	65	:	75	:	6.5	55 30 15
Southeast	:	65	:	80	:	4.0	0 75 25
<hr/>							
State	:	61	:	55	:	6.0	72 23 5
5-Year Avg.	:	64	:	63	:		
<hr/>							

Corn - Acreage Silked (Tasseled)



Soybeans - Acreage Blooming



WEATHER

A COOL CANADIAN AIR MASS MOVED INTO THE STATE BY THE MID-PART OF THE PERIOD DIMINISHING HEAT WAVE CONDITIONS. DAILY HIGH TEMPERATURES FOR THE PERIOD AVERAGED MOSTLY IN THE MID TO UPPER 80'S ACROSS THE STATE WHICH WAS NEAR NORMAL EXCEPT FOR 1 TO 3 DEGREES BELOW NORMAL IN THE SOUTH. LOWS AVERAGED MOSTLY IN THE LOWER 60'S NORTH AND CENTRAL TO THE UPPER 60'S IN THE FAR SOUTH. THESE READINGS WERE 1 TO 4 DEGREES BELOW NORMAL IN THE NORTHERN TWO THIRDS OF THE STATE AND NEAR NORMAL OVER THE SOUTHERN THIRD.

CROPS WERE STRESSED BY HOT DRY WEATHER ESPECIALLY EARLY IN THE PERIOD. HIGHEST READINGS REACHED INTO THE MID 90'S TO AROUND 100 ACROSS THE STATE.

RAINFALL FOR THE PERIOD WAS VERY SPOTTY AND VARIED CONSIDERABLY. MUCH OF THE RAIN OCCURRED WITH PASSAGE OF A COLD FRONT EARLY IN THE PERIOD OVER THE FAR SOUTH AND NORTH WHERE .50 TO OVER 1.00 INCH AMOUNTS FELL IN SOME AREAS. ELSEWHERE, AMOUNTS IN THE CENTRAL WERE MOSTLY LESS THAN .30 INCH.

GROWING DEGREE DAYS BASE 50 FOR CORN DEVELOPMENT ACCUMULATED FROM AROUND 155 IN THE NORTH TO AROUND 190 IN THE FAR SOUTH.

Week ending 8 A.M. Monday, July 17, 1989

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi-mum	Mini-mum	Departure	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	87	55	0	0.20	5.04	-5.57	147	1220	-59
ROCKFORD	85	61	0	1.12	6.52	-4.41	159	1356	85
CHICAGO	83	61	0	0.45	4.15	-5.18	153	1320	68
CHI BOTANICAL	79	60	-4	0.30	5.28	-4.35	137	1158	-214
ELWOOD	85	58	-1	1.09	9.08	-1.27	147	1341	47
WATSEKA	85	60	-1	1.17	7.82	-3.49	152	1336	-66
PERU	86	61	-1	0.22	4.62	-5.53	159	1411	-34
MOLINE	87	63	0	1.65	8.38	-2.86	169	1408	-1
PEORIA	86	63	0	0.00	3.54	-6.41	166	1434	8
KILBOURNE	86	62	-1	0.05	4.35	-6.07	166	1443	-83
MONMOUTH	85	60	-1	0.01	7.37	-2.85	155	1342	-114
QUINCY	88	65	0	0.20	3.86	-6.89	175	1490	-30
PERRY	87	62	-1	0.05	7.29	-2.83	165	1413	-148
SPRINGFIELD	86	63	-1	0.17	5.24	-3.84	169	1445	-109
URBANA	85	63	0	0.01	6.85	-3.09	168	1451	-23
WINDSOR	87	65	0	0.10	6.20	-4.50	178	1466	-88
TERRE HAUTE	85	63	-1	3.36	11.00	0.62	167	1444	-33
ST LOUIS	88	71	NA	0.00	6.42	NA	200	1717	NA
BELLEVILLE	88	66	0	0.00	9.55	-0.15	183	1501	-125
BROWNSTOWN	87	63	-1	0.00	7.67	-3.10	170	1485	-82
IUKA	87	61	-3	0.02	9.18	-0.88	163	1405	-224
LAWRENCEVILLE	86	62	NA	0.77	10.79	NA	165	1446	NA
VINCENNES	87	65	0	1.00	12.82	2.20	175	1510	-66
DIXON SPRINGS	88	67	-1	0.67	8.02	-2.52	189	1620	-105
PADUCAH	88	68	0	0.50	15.30	4.31	191	1686	-50
OLIVE BRANCH	86	67	-1	0.69	9.69	-1.17	184	1564	-96
CARBONDALE	88	65	0	0.03	9.14	-1.31	181	1522	-137
C GIRARDEAU	89	69	NA	0.09	13.73	NA	196	1715	NA

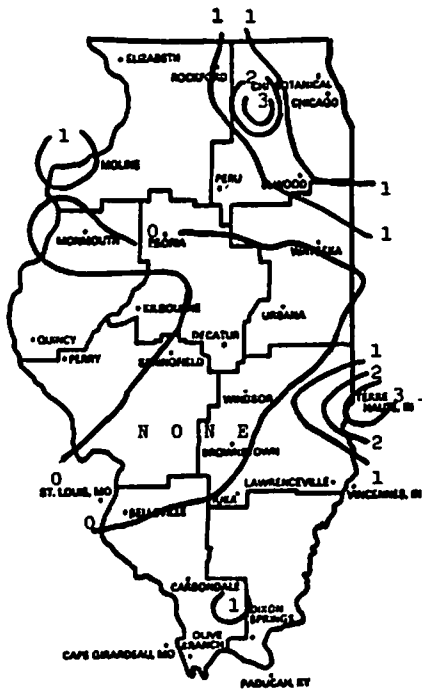
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

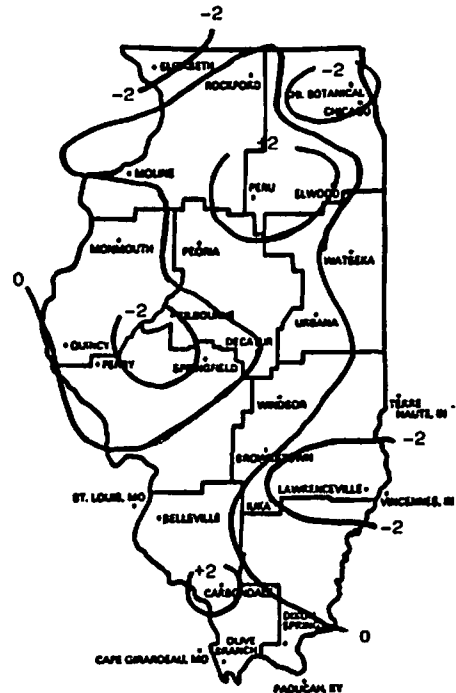
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Champaign, Illinois 61820



PRECIPITATION (INCHES)
JULY 11-17, 1989



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JULY 11-17, 1989

CROP INFORMATION in this report is provided voluntarily by
county officials of Extension Service and SCS, and agribusiness managers.